

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1287440

Luminaire Tested: P3AS17R259030D2WDE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287440
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259030D2WDE010 E3D1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3D1WM TRIM
Light Source: -
Ballast/Driver: -

Summary

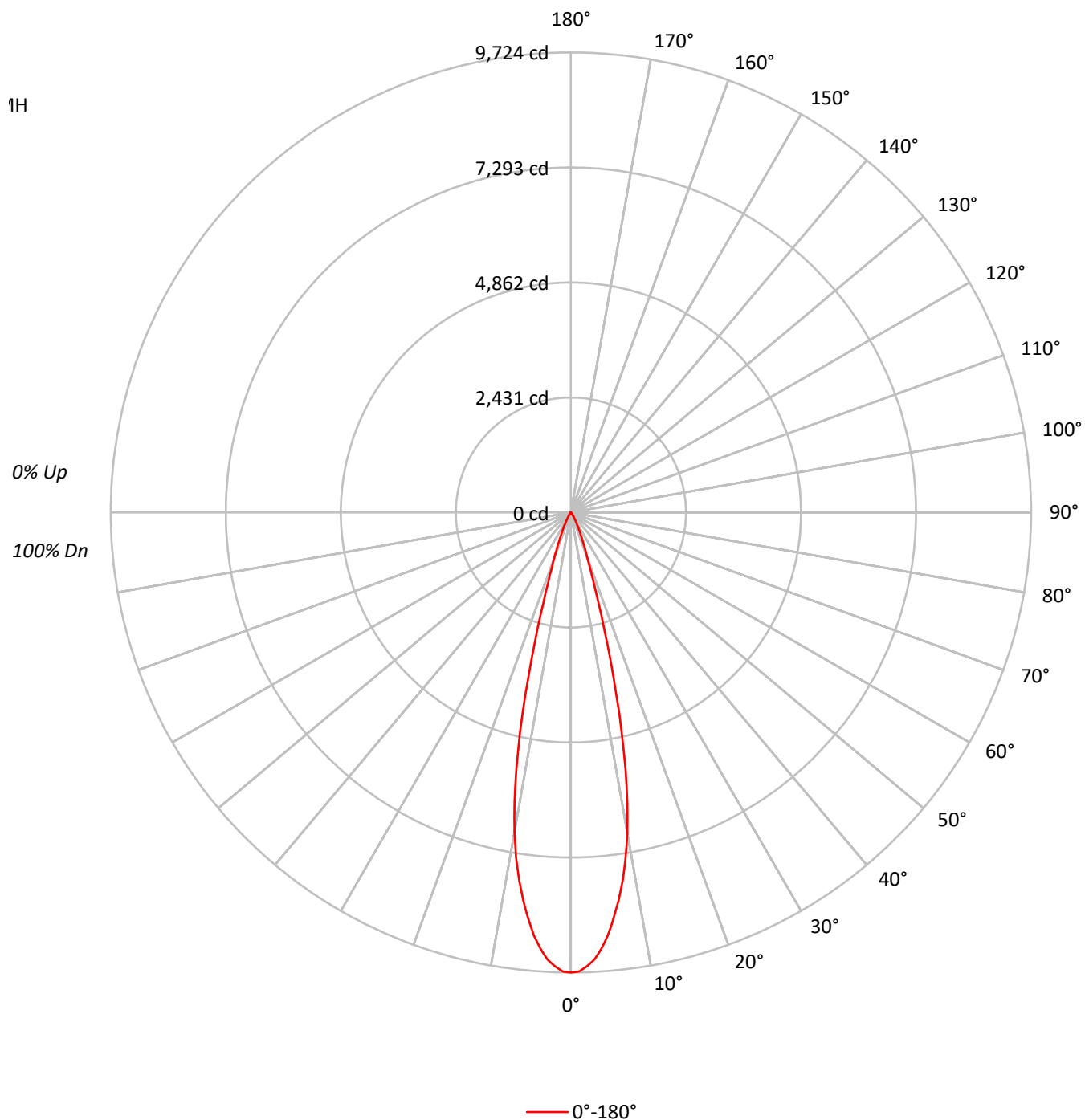
Lumens per Lamp: N/A
Luminaire Lumens: 1947.0 lumens
Efficiency: N/A
Efficacy: 71.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1287440

CATALOG NUMBER: P3AS17R259030D2WDE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1287440

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	110		113	111	110	108		107	106	105		104	103	102		100	99	99
2	112	108	106	103		110	107	104	102		104	102	100		101	99	98		98	97	96
3	109	104	101	98		107	103	100	97		100	98	96		98	96	94		96	94	93
4	106	101	97	94		104	100	96	94		98	95	92		96	93	91		94	92	90
5	103	97	93	91		101	96	93	90		95	92	90		93	91	89		92	90	88
6	100	94	90	88		99	94	90	87		92	89	87		91	88	86		90	88	86
7	98	92	88	85		97	91	87	85		90	87	84		89	86	84		88	86	84
8	95	89	85	83		94	89	85	83		88	85	82		87	84	82		86	84	82
9	93	87	83	81		92	86	83	80		86	83	80		85	82	80		84	82	80
10	91	85	81	79		90	84	81	79		84	81	78		83	80	78		83	80	78

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2132329
5°	1975298
10°	1528317
15°	729970
20°	240681
25°	101449
30°	39323
35°	16998
40°	5668
45°	2636
50°	955
55°	535
60°	307
65°	363
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2636 cd/sqm

TEST NUMBER: P1287440

CATALOG NUMBER: P3AS17R259030D2WDE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	788.8	40.5
10°-20°	897.1	46.1
20°-30°	208.5	10.7
30°-40°	43.7	2.2
40°-50°	7.1	0.4
50°-60°	1.2	0.1
60°-70°	0.6	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1894.4	97.3
0°-40°	1938.1	99.5
0°-60°	1946.4	100.0
0°-90°	1947.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1947.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9724	
5°	8974	789
15°	3216	897
25°	419	208
35°	64	44
45°	8	7
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	9724.2
1°	9704.4
2°	9603.5
3°	9461.6
4°	9244.9
5°	8973.8
6°	8625.8
7°	8261.5
8°	7852.8
9°	7391.8
10°	6863.8
11°	6251.7
12°	5549.3
13°	4779.9
14°	3975.1
15°	3215.5
16°	2543.5
17°	1981.5
18°	1558.7
19°	1246.7
20°	1031.4
21°	861.9
22°	723.6
23°	604.3
24°	505.4
25°	419.3
27.5°	248.5
30°	155.3
32.5°	99.5
35°	63.5
37.5°	38.1
40°	19.8
42.5°	12.7
45°	8.5
47.5°	4.9
50°	2.8
52.5°	1.4
55°	1.4
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.0
72.5°	0.0



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CATALOG NUMBER: P3AS17R259030D2WDE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)